Hudson Institute at-a-glance

281 STAFF

176 STUDENTS

42 RESEARCH GROUPS

250 RESEARCH PUBLICATIONS

Hudson Institute is a leading Australian medical research institute recognised internationally for discovery science and translational research into inflammation, cancer, reproductive health, newborn health, and hormones and health.

We are leading developments in cell therapies, paediatric cancer and the human microbiome. Our worldwide scientific and medical collaborations provide a foundation for transformative healthcare programs across the globe.

Hudson Institute is a founding member of the Monash Health Translation Precinct with partners Monash Health and Monash University. Our close ties with clinicians and industry give us the ability to translate our discoveries into new preventative approaches, therapies and devices for patients.

Students at-a-glance

We nurture and inspire the next generation of scientists and clinicians by educating and training more than 170 students through our academic affiliation with Monash University.

66 POSTGRADUATE AND HONOURS STUDENTS COMPLETED

176 STUDENTS 126 PHD 4 MASTERS 46 HONOURS

47 STUDENTS WITH MEDICAL TRAINING

Student figures, 2022

Student research

Honours and PhD students at Hudson Institute are trained by Australia's leading researchers.

Our students

- Are exposed to a unique collaborative environment involving leading researchers, clinicians and industry partners
- Undertake an extensive training program
- Develop life-long technical, communication and presentation skills
- Have access to world class research facilities
- Obtain a degree from Monash University – in top 50 globally
- Attend national and international conferences
- Publish their research (41 student first-author publications in 2022)
- Win prestigious prizes and awards
- Participate in an active and supportive social club, Hudson Institute Student Society (HISS).

How to enrol

All the information you need to enrol is on our website.
w: hudson.org.au/students/courses-available

Contact supervisors any time

Students are encouraged to contact and visit supervisors in their labs any time to discuss projects. Simply email the supervisor to arrange a time.

STEP 1: Find a project in the 2024 Postgraduate and Honours Research Projects booklet that you are interested in.
w: hudson.org.au/students/student-projects

STEP 2: Once you have identified a project, email the supervisor: *"I am interested in your student project. Could I please arrange a time to visit you in your lab?"*

Connect with us

hudson.org.au
HUDSONResearchAu
@Hudson_Research
Hudson-research
hudson_research

Contact us

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Clayton VIC 3168 Australia
t: + 61 3 8572 2700
e: info@hudson.org.au
w: hudson.org.au

HUDSON INSTITUTE OF MEDICAL RESEARCH

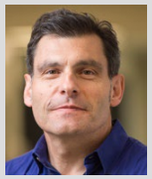
Centre for Innate Immunity and Infectious Diseases

Discovery and translational research in infection, cancer and inflammatory disease

2024

Centre for Innate Immunity and Infectious Diseases | Our supervisors

Professor Paul Hertzog
Regulation of Interferon and Innate Signalling



Professor Richard Ferrero
Gastrointestinal Infection and Inflammation

Associate Professor Michelle Tate
Viral Immunity and Immunopathology

Professor Elizabeth Hartland
Innate Immune Responses to Infection

Associate Professor Ashley Mansell
Pattern Recognition Receptors and Inflammation

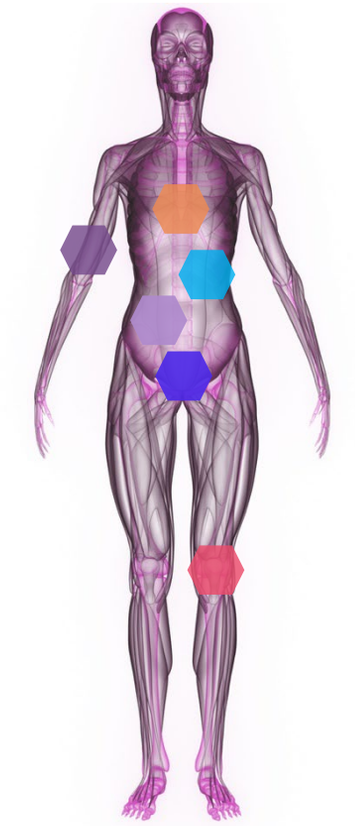
WHAT WE RESEARCH

Infections

COVID-19
HIV
Zika virus
Influenza
Helicobacter pylori
Enteropathogenic *E. coli* (EPEC)
Salmonella enterica serovars
Shigella spp.
Legionella spp. (Legionnaires' disease)
Burkholderia (melioidosis)
Herpes simplex virus
Human metapneumovirus
Respiratory syncytial virus

Inflammation

Sepsis
Arthritis
Systemic lupus erythematosus
Inflammation in cancer
Rare autoinflammatory diseases
Diabetes
Inflammation in infectious disease



Cancer

Stomach
Breast
Lung
Ovary
Pancreas

Gastrointestinal disease

Gastritis
Gastroenteritis / Diarrheal disease
Inflammatory bowel disease
Lymphoma

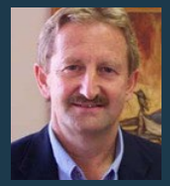
Women's health

Female reproductive tract infections, cancers and inflammatory diseases

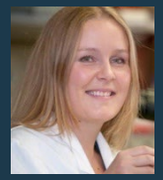
Respiratory disease

Asthma
Chronic obstructive pulmonary disease
Respiratory infections

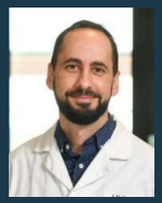
For more information about our student projects:
Go to **w:** hudson.org.au/students/student-projects/ and search by supervisor name or theme



Professor Philip Bardin
Respiratory and Lung Disease



Associate Professor Kate Lawlor
Cell Death and Inflammatory Signalling



Associate Professor Michael Gantier
Nucleic Acids and Innate Immunity

Associate Professor Sam Forster
Microbiota and Systems Biology

Dr Wilson Wong
Structural Biology of Inflammation and Cancer Research